IN THE CLAIMS

1 (Currently Amended). A method comprising:

    detecting a color characteristic;

    detecting motion; and

    <u>removing the flesh color from the captured video</u> ~~controlling a processor-based system based on the detection of motion and a color characteristics~~.

2 (Original). The method of claim 1 including controlling a processor-based system based on the detection of flesh color and the detection of a shape associated with a human being.

3 (Original). The method of claim 2 including determining whether to process image data depending on whether both motion and flesh are detected.

4 (Original). The method of claim 2 including capturing a frame of video at a time, and determining after capturing each frame whether or not flesh color has been detected.

Claim 5 (Canceled).

6 (Currently Amended). The method of claim <u>1</u> ~~5~~ including moving an animation object while capturing video and removing the detected flesh color from the captured video.

7 (Original). The method of claim 1 including capturing video of an animation object in a plurality of different positions and automatically removing an image of a user's hand from the captured video.

8 (Currently Amended). An article comprising a medium storing instructions that<u>, if executed,</u> enable a processor-based system to:

    detect a color characteristic;

    detect motion; and

remove the flesh color from captured video ~~control a processor-based system based on the detection of motion and the color characteristic~~.

9 (Original). The article of claim 8 further storing instructions that enable the processor-based system to be controlled based on the detection of flesh color and the detection of a shape associated with a human being.

10 (Original). The article of claim 9 further storing instructions that enable the processor-based system to determine whether to process image data depending on whether motion and flesh are detected.

11 (Original). The article of claim 9 further storing instructions that enable the processor-based system to capture a frame of video at a time and determine after capturing each frame whether flesh color has been detected.

Claim 12 (Canceled).

13 (Currently Amended). The article of claim 1 ~~12~~ further storing instructions that enable the processor-based system to capture video of an animation object in a plurality of different positions and automatically remove an image of a user's hand from the captured video.

14 (Currently Amended). A system comprising:
  a processor; and
  a storage coupled to said processor storing instructions that, if executed, enable the processor to detect motion and a color characteristic and remove the color characteristic from captured video ~~to control the system based on the detection of motion and the color characteristic~~.

15 (Original). The system of claim 14 wherein said storage further stores instructions that enable the processor to detect a shape associated with a human being.

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16 (Original). The system of claim 14 further storing instructions that enable the processor to determine whether to process image data depending on whether motion and flesh color are detected.

17 (Original). The system of claim 14 including a digital imaging device coupled to said processor.

18 (Original). A method comprising:
    capturing a video image of a speaker;
    receiving audio information from the speaker through at least one microphone;
    determining the user's position; and
    based on the user's position, automatically adjusting a characteristic of the microphone.

19 (Original). The method of claim 18 including receiving audio information from a pair of microphones and adjusting the sensitivity of the microphones based on the relative positioning of the user with respect to each microphone.

20 (Original). The method of claim 18 including tracking the user's facial position in two dimensions and estimating the user's facial position in a third dimension.

21 (Original). The method of claim 18 including tracking the user's facial position in three dimensions.

22 (Original). The method of claim 18 including using a point of source filter to adjust the audio information received from the user and providing said adjusted audio information to a speech recognition engine.

23 (Original). A system comprising:
    a video capture device for capturing an image of a user;
    at least one microphone for capturing speech from said user;

a device to determine the user's position with respect to at least two microphones and to adjust the data from each microphone in response to the user's position relative to each microphone.

24 (Original). The system of claim 23 including a pair of video cameras for capturing an image of said user.

25 (Original). The system of claim 23 including a two dimensional face tracker that locates the user's face in two dimension.

26 (Original). The system of claim 23 including a three dimensional face tracker that locates the user's face in three dimensions.

27 (Original). The system of claim 23 including a point of source filter to adjust the sensitivity of said microphones.

28 (Original). A method comprising:
    identifying a color;
    identifying motion; and
    using identified color and motion to implement background segmentation.

29 (Original). The method of claim 28 including determining areas that are moving of a particular color.

30 (Original). The method of claim 29 including identifying objects that are connected to moving objects of a particular color.